

The Most Dangerous Animal On The Trail

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EBMUD



Which of these animals is responsible for the greatest # of human deaths in the US?

- Mountain Lions
- Sharks
- Poisonous snakes
- Spiders
- Dogs
- Bees/wasps
- Deer



Lions, Ticks & Bears Oh My!



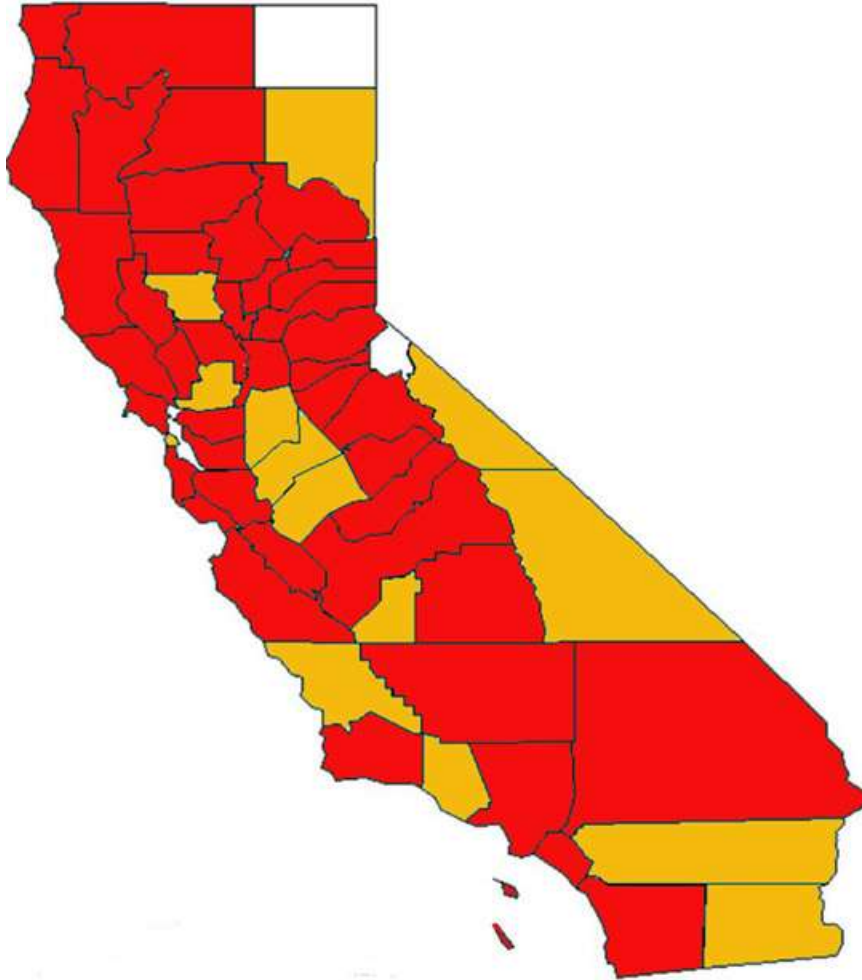
Personal Experience



Why You Should Be Concerned About Lyme Disease



Prevalence



Of all
tick-borne
disease in
CA, 94-95%
is Lyme.

- Deer ticks (56 counties)
- Lyme-infected Deer ticks (42 counties)

Risk



Most don't remember a bite.

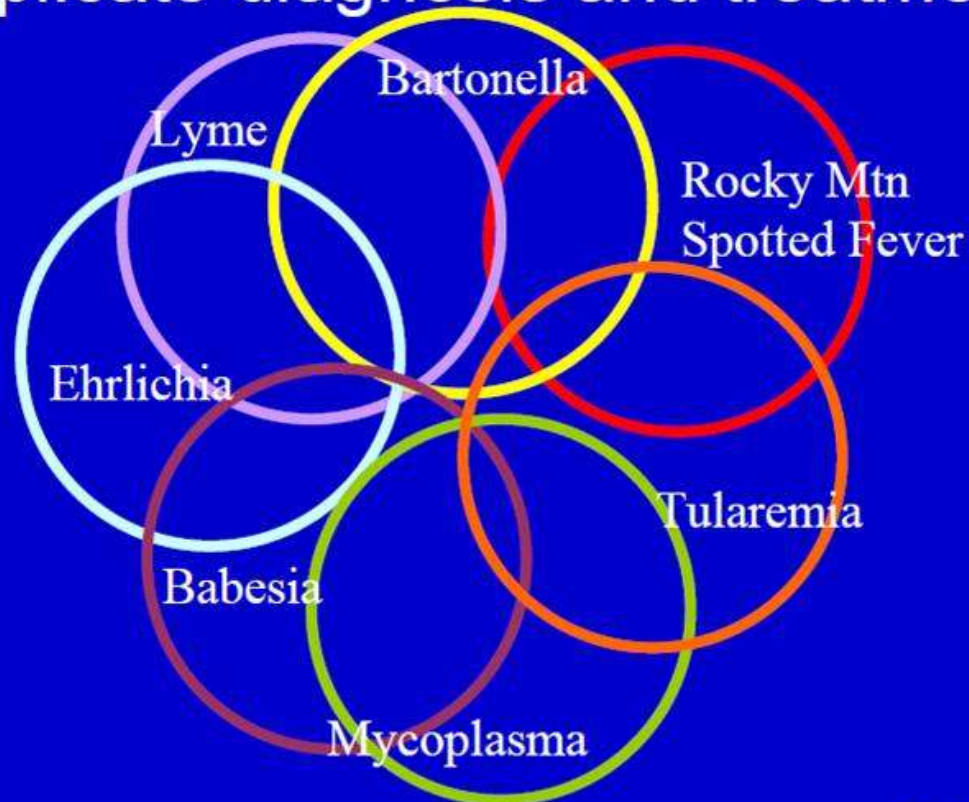


Engorged nymph compared to pin

Transmission

Coinfections

Complicate diagnosis and treatment



Fun Tick Facts



“Pay No Attention To The Man Behind The Curtain”



Rash Decisions

Lyme Rashes

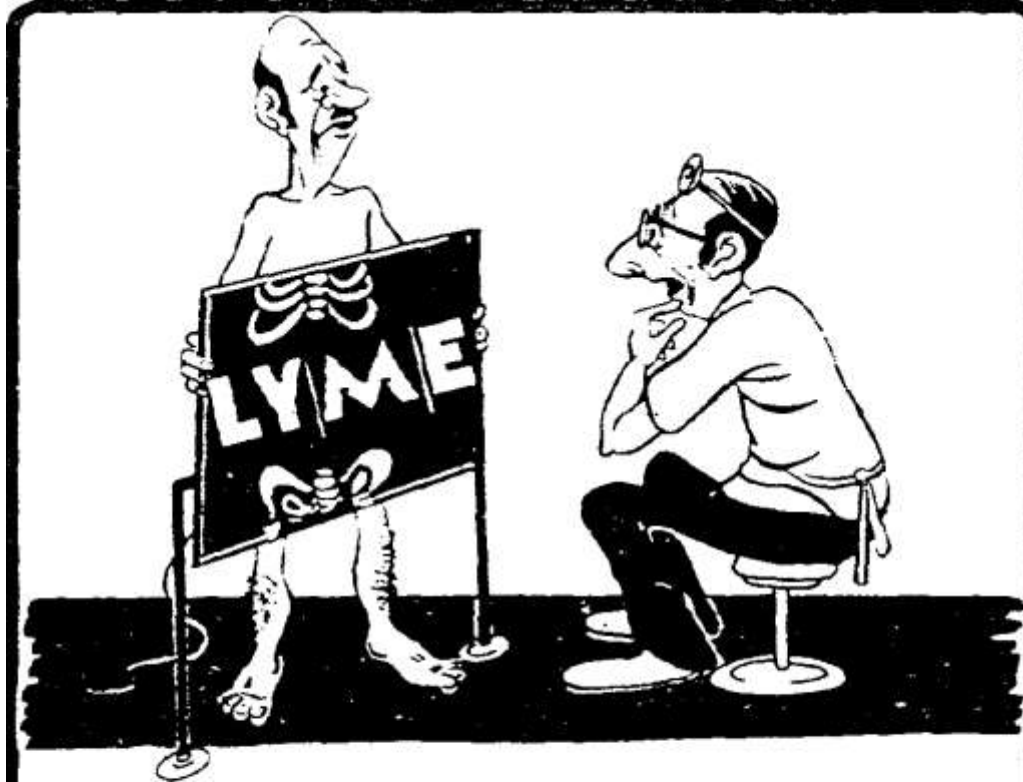
Most people don't notice a rash (about 14% do).
Bull's-eyes are diagnostic of Lyme, but most Lyme
rashes are not bull's-eyes, just reddened areas.
Many people don't get any rash at all.



Symptoms

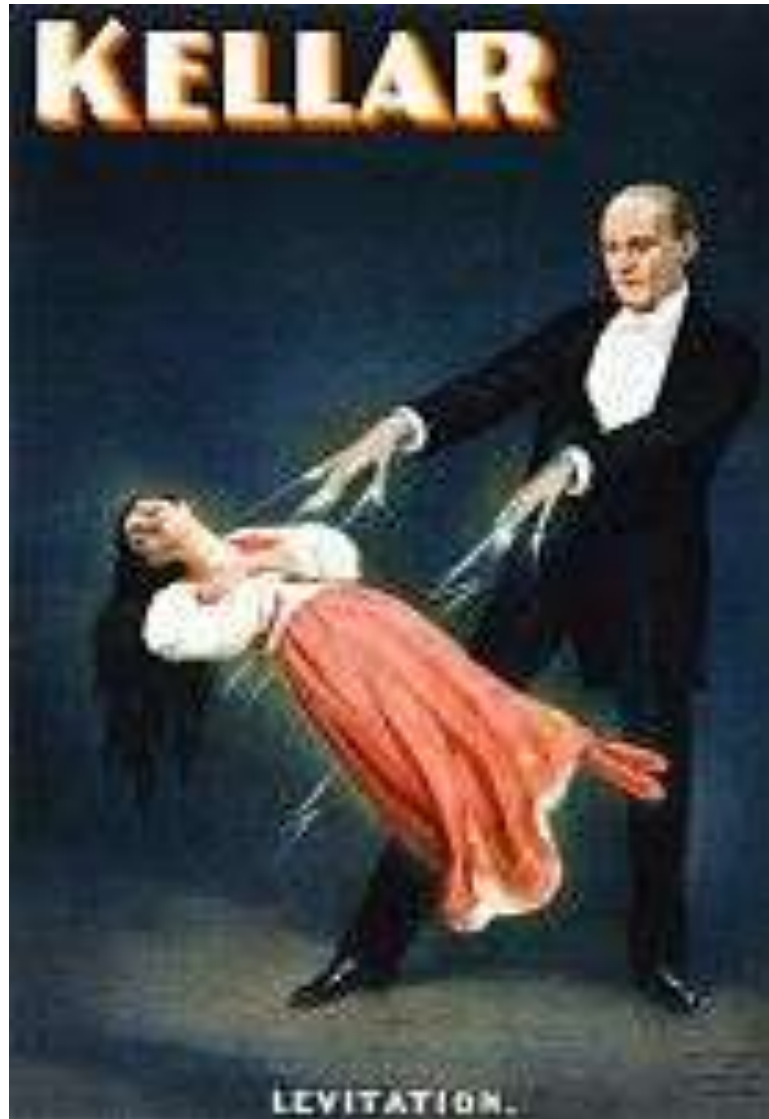


Testing 1. 2. 3.



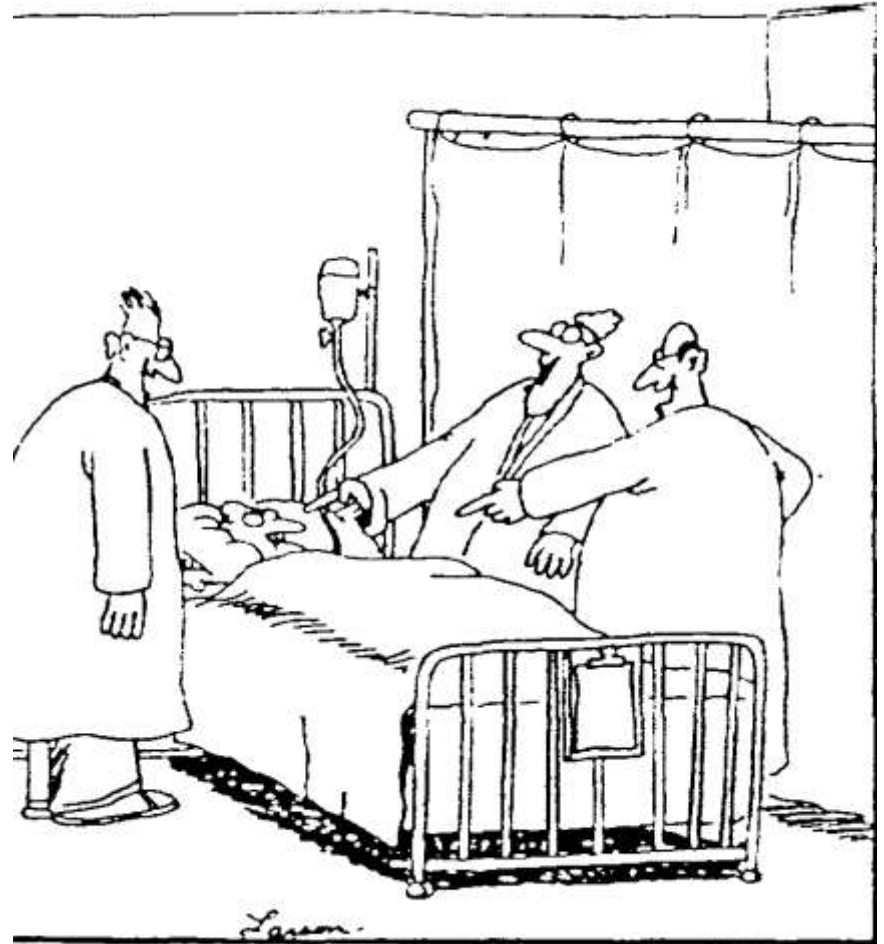
Hmmm. . . Mr. Jones, this has me completely baffled. I just can't make a firm diagnosis at this time. Maybe an ELISA would confirm? Perhaps a call to Rufts U. and a confab with Dr. A. Lien Beer? I do admit, though, that I don't believe it could be Lyme disease. Highly over-diagnosed you know. . .

Diagnosis Hocus Pocus



Treatment

- Jarisch-Herxheimer Reaction
- Treatment Failure



Testing whether laughter IS the best medicine

Medical Confusion/Insurance Illusion



Vaccine- Ooops



**Health Insurance-We are here to
help ... ourselves \$\$\$**



Prevention



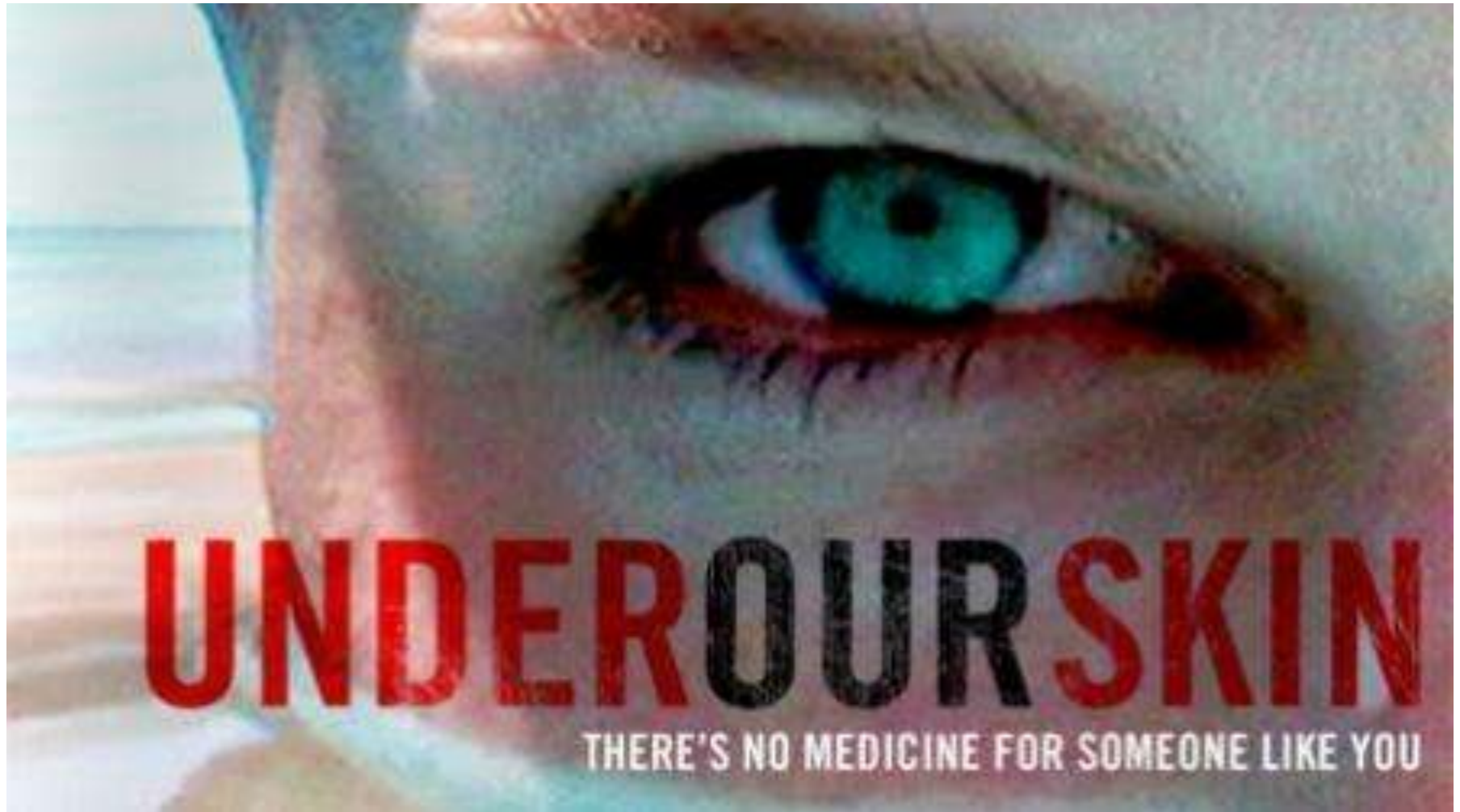
insect  shield[®]
repellent apparel



What to Do If You Are Bitten



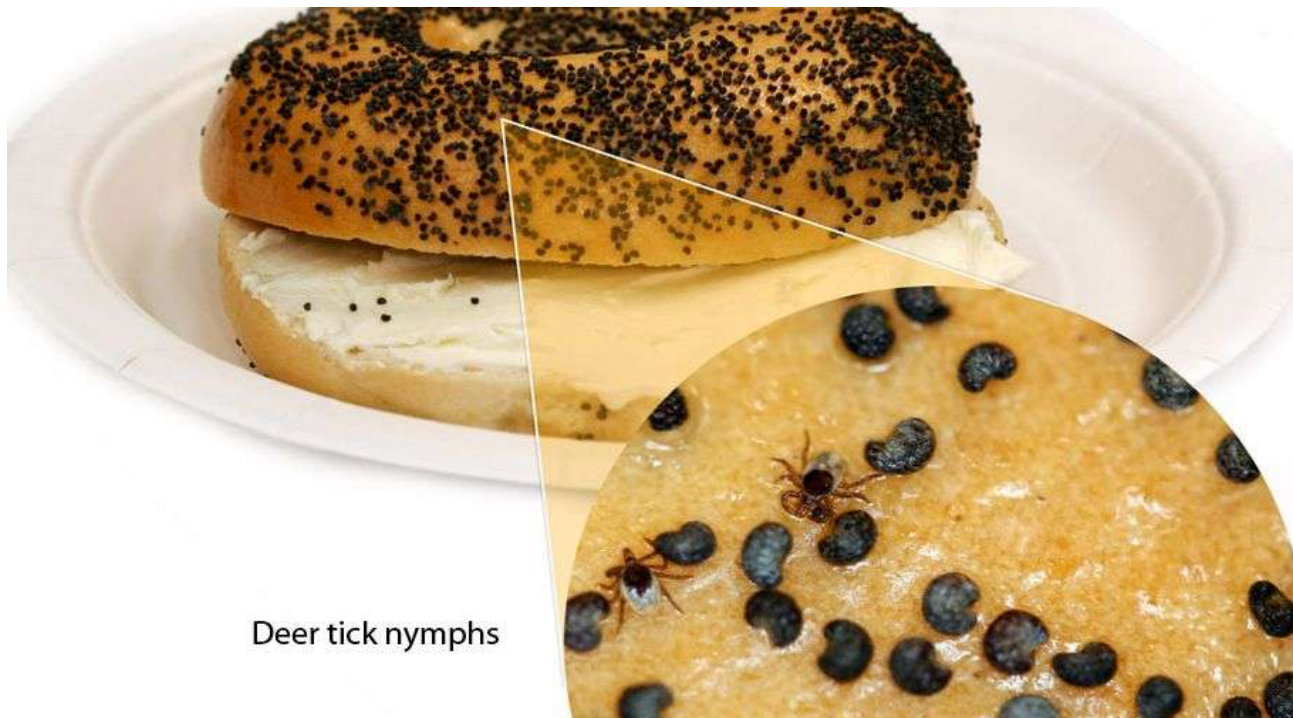
Resources



Conclusion



Question & Answer



Deer tick nymphs